

Broadband for the AI Era

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CTO Fixed Networks

TUANZ Connecting Aotearoa Summit 2026

The Nokia logo is displayed in white, uppercase letters within a large, white, stylized arrow shape that points to the left. The arrow is set against a blue background that transitions from a darker blue at the top to a lighter teal at the bottom.

Broadband for the future now

Connect everything

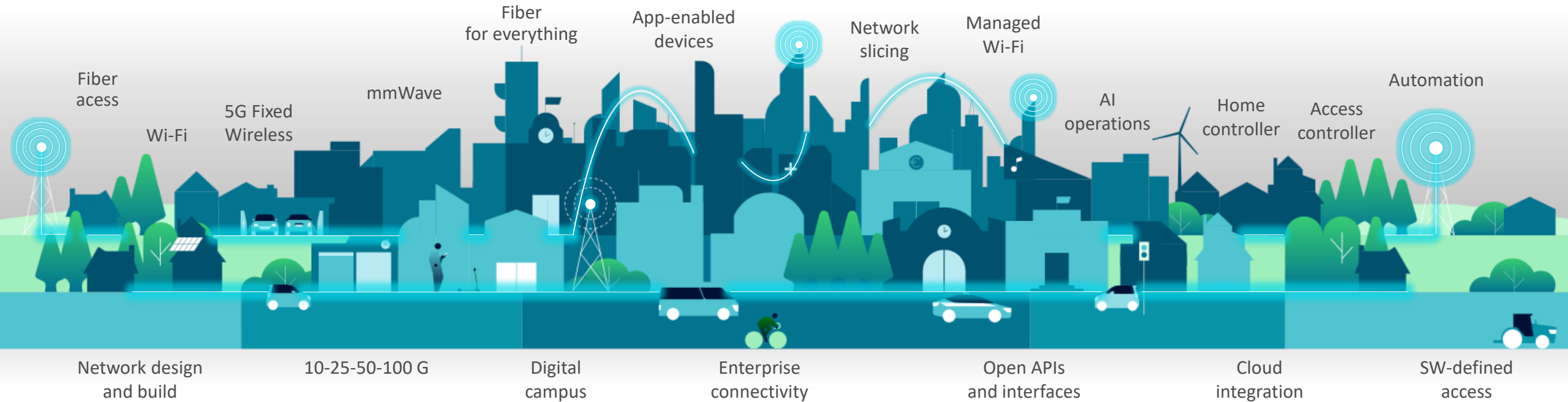
Advanced broadband for everyone, wherever they might be

Inspire communities

Offer innovative services, and new applications

Shape your future

Automate and scale networks and businesses



Build a sustainable tomorrow

Delivering the benefits of broadband while minimizing environmental impact

AI in 2 dimensions

Networks for AI

Build networks for the new era where computers work for all of us

...the way we work with each other

Fiber Networks



Wireless Networks – Wi-Fi



Wireless Networks – 5G



AI for networks

Install, configure, operate, automate, optimize, secure, monitor, and troubleshoot

Today

In the Future



Fiber Networks



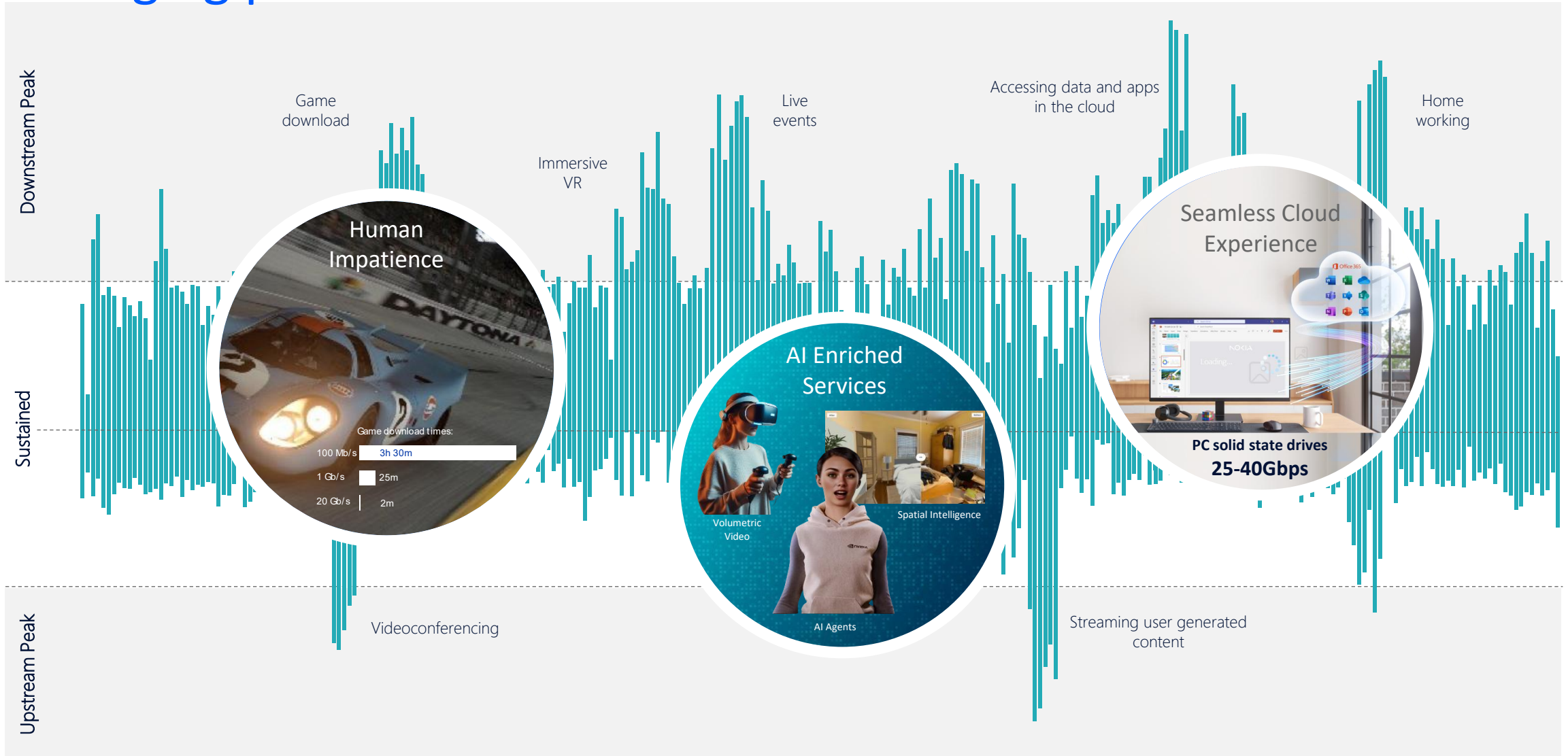
Wireless Networks – Wi-Fi



Wireless Networks – 5G

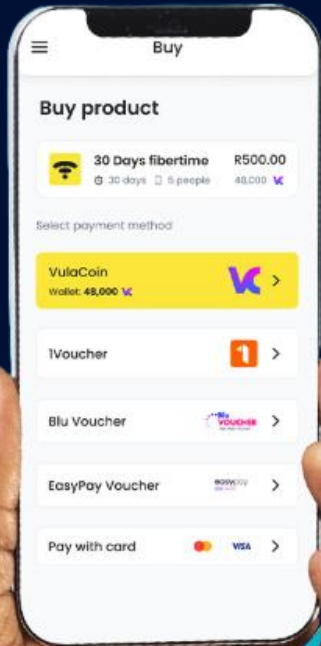


Changing patterns of demand



Case Study – FiberTime South Africa

Driving the Next Frontier of Fiber Broadband Connectivity



Pay-As-you-Go

Flexible top-up system lets users access broadband without contracts or credit checks.

Low pricing

Affordable rates tailored for low-income communities, enabling broader digital inclusion.

Per-device charging

Each device connects with its own access and billing, enabling flexible usage across multiple users.

Time-based Internet

Users only pay for the time they are connected, giving full control over usage and cost.

What is fibertime™?

fibertime™ is uncapped 100mbps fiber for R5 per day!

We build and sell fiber internet in townships.

We put fiber in every home, every shack, every dwelling, in the township, and we sell daily vouchers so that you can pay-as-you-go rather than be forced to pay upfront for the month.

We provide a gateway to the digital world, bringing the educational, economic and entertainment power of the internet to townships.

Ubiquitous coverage

Full fiber and WiFi coverage across the neighborhood ensures equal access for all residents.

Community engagement

Local ambassadors and support structures create trust, awareness, and uptake from within the community.

Financing support

Backed by impact-driven investors like **Finnfund**; enables infrastructure rollout in underserved communities where traditional funding is challenging



Thank You

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The Nokia logo is positioned on the right side of the slide, centered vertically. It is rendered in white, uppercase letters with a distinctive font where the 'O' and 'I' have a unique shape. The logo is set against a dark blue background that features a large, white, stylized arrow pointing to the left, which is part of the overall graphic design of the slide.

NOKIA

Nokia at a glance

Nokia is a global connectivity leader for the AI era, bringing trusted expertise across fixed, mobile, and transport networks

Powering advanced connectivity for:

- Telecommunication providers
- AI & Cloud
- Mission critical enterprise & defense
- Partners
- Technology licensees



160+

years in business



150+

countries served with Nokia's connectivity



4.4bn+

mobile subscriptions supported by Nokia networks



~€160bn

invested in advancing connectivity since 2000



26,000+

patent families



10

Nobel Prizes for breakthrough inventions